

8355

8355

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Air Photo Compilation

Field No. Office No. T-8355

LOCALITY

State Virginia

General locality Chesapeake Bay

Locality Little Wicomico River

1943

CHIEF OF PARTY

Comdr. Ray L. Schoppe

LIBRARY & ARCHIVES

DATE Aug 22 - 1946

DATA RECORD

T- 8355

Quadrangle (II):

Project No. (II): C.S.289 D

Field Office: War Mapping Field Chief of Party: Ray L. Schoppe
Party # 2

Compilation Office: Tampa, Fla. Chief of Party: Ray L. Schoppe

Instructions dated (II III): 12/16/42 Copy filed in Descriptive
5/13/43 Report No. T- (VI)

Completed survey received in office: 4/28/44

Reported to Nautical Chart Section: 4/29/44

Reviewed: 5/20/44 Applied to chart No. Date:

Redrafting Completed: 6/22/44

Registered: 8/46 Published: 1944

Compilation Scale: 1:20,000 Published Scale: 1:31,680

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): M.S.L.

Reference Station (III): MILLER 1920

Lat.: 37°54'48.724" (1502.21M Long.: 76°16'17.758" (433.79M) Adjusted
~~unadjusted~~

State Plane Coordinates (VI):

Virginia South zone

X = ~~1,010,166.64~~ Y = ~~30,046.29~~
2,642,847.67 ft. 582,928.08 ft.

Military Grid Zone (VI)

A

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
12597	11/28/42	12:36	1:20,000	0.6 ft.
12617	"	1:02	"	0.5 ft.
12618	"	1:04	"	0.5 ft.
12596				
12619				
12664				
12665				

Tide from (III): Predicted Tides--Smith Point, Va.

Mean Range: 1.2 ft.

Spring Range: 1.4 ft.

Camera: (Kind or source) U. S. C. & G. S. (9 lens)

Contouring and
Field Inspection by: Joseph K. Wilson, Engr. Aid date: July, 1943

Field Edit by: *Gallen: Earl R. Loudon* date:

Date of Mean High-Water Line Location (III):

Projection and Grids ruled by (III) Wash. Office date:

" " " checked by: " " date:

Control plotted by: C.A.J. Pauw date: Feb. 1944

Control checked by: M. R. Rutkin date: Mar. 1944

Radial Plot by: Tampa Office Personnel date: Mar. 1944

Detailed by: Cornelius A. J. Pauw, Prin. Photo. Aid date: Apr. 1944

Reviewed in compilation office by: J. H. S. Billmyer date: Apr. 1944

Elevations on field photographs checked by: J. K. Wilson, Eng. Aid, June 1943

Elevations on Field Edit Sheet
checked by: *J. H. Stewart* date: *5/19/44*

STATISTICS (III)

Land Area (Sq. Statute Miles): 26.2

Shoreline (More than 200 meters to opposite shore): 37.0

Shoreline (Less than 200 meters to opposite shore): .7.0

Number of Recoverable Topographic Stations established: 4

Number of Temporary Hydrographic Stations located by radial plot: 20

Leveling (to control contours) - miles: 45

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

General Procedure in the Production of Topographic Quadrangles for the War Department

This quadrangle, together with similar adjoining maps produced under Project C.S.289-D, was prepared by the Coast and Geodetic Survey for the War Department under "General Specifications for War Department Mapping Program" issued about December 1941, in which is incorporated the "Standard of Accuracy for a National Map Production Program" issued by the Bureau of the Budget under date of June 10, 1941.

The general procedure in the production of this and the adjoining quadrangles was:

FIELD SURVEYS

Aerial photography with the Coast and Geodetic Survey nine-lens camera, with airplane and flight crew furnished by the U. S. Coast Guard. The photographs were taken to the scale of 1:20,000.

Ground inspection of the photographs for identification of control points, and classification and clarification of planimetric details on the photographs.

Contouring by planetable directly on the photographs. Supplementary vertical control was established by means of an extensive subordinate level net, furnishing unmarked elevations at road intersections, drive-ways, and numerous other points identifiable on the photographs.

COMPILATION OF MANUSCRIPT

Compilation on the map manuscripts by radial plot methods (celluloid hand templets) of all planimetry and contours. These manuscripts were drawn on the scale of 1:20,000 on celluloid sheets on which polyconic projections had been ruled with the Projection Ruling Machine in the Washington Office. Compilation was accomplished in the ~~Baltimore~~ Tampa Photogrammetric Office.

FIELD EDIT

Comparison of a copy of the manuscript with the ground. This included inspection for completeness and accuracy as well as the location by planetable methods of additional details, checking of nautical and aeronautical aids to navigation, etc.

Accuracy Tests - Application of systematic horizontal and vertical accuracy tests to check the maps for conformity with the specifications. These tests consisted of comparison of the map position and elevation of selected random points with the true position and elevation as independently determined by standard survey methods.

PROCESSING IN THE WASHINGTON OFFICE

Review - Examination of the manuscript for accuracy and completeness of compilation and compliance with specifications, correcting where necessary; addition of military and state grids and other special features; and verification of the general adequacy of the manuscript as a basis for the production of a finished map.

Drafting and Reproduction - Preparation of smooth color separation drawings on 1:20,000 scale on metal-mounted "blue-line" copies of the manuscript. From these drawings, negatives and printing plates were prepared for reproduction of the finished map on the scale of 1:31,680 or 1:25,000.

FIELD INSPECTION REPORT

Quadrangle 8355

1. Description of the Area:

The area is a $7\frac{1}{2}$ minute quadrangle located in the eastern part of Northumberland County, Virginia. It comprises the area between north latitude $37^{\circ} 52' 30''$ and $38^{\circ} 00' 00''$ and west longitudes $76^{\circ} 15' 00''$ and $76^{\circ} 22' 30''$. It is bounded on the north by the Potomac River, on the east by the Chesapeake Bay, and is just north of the Great Wicomico River on the south.

The Little Wicomico River is located in the southeastern portion of the quadrangle. All drainage flows into the Potomac River, Chesapeake Bay, or the Great Wicomico River.

The northern and eastern portions of the quadrangle are very flat, the elevation ranging from sea level to twenty feet. The maximum elevation is about 110 feet and is found near the village of Edwardsville. The western and southern portions of the quadrangle are very rugged.

This particular region is primarily an agricultural one, corn, small grain, and tomatoes being the chief crops.

The main roads are good improved roads and usually follow the ridges.

There are a few small villages situated on or near U. S. Highway 360; included among these are Edwardsville, Gonyon, Burgess Store, and Ophelia.

2. Completeness of Field Inspection:

The field inspection for the clarification and classification of detail on the photographs has been completed. For additional information see item 19 of this report.

3. Interpretation of the Photographs:

The dark or black areas have been found to be pine trees; usually these pines occupy the higher ground, but occasionally this is not true. The grey areas consist of deciduous and pine timber, or deciduous trees and brush; some of the grey area represents woods which have been extensively logged in the past.

Unimproved sand roads appear on the photographs to be first class, due to the fact that the sand shows up plainly.

4. Horizontal Control:

The majority of the triangulation stations in this area are along the shoreline of the Potomac River, and most of these marks have been washed away. The stations which remained were recovered, and pricking cards were submitted.

There was one U. S. Geological Survey Primary Traverse Station in this quadrangle which was reported destroyed in 1917. A card was submitted that this station should be considered lost in 1943.

5. Vertical Control:

The levels were run on this quadrangle by a four man level party, using a builders level. Only Coast and Geodetic Survey bench marks were used for this work. All major lines and all fly lines were closed within 0.2 of a foot or less. There are about 45 miles of level lines in this quadrangle. The leveling was done by Joseph K. Wilson, Engr. Aid, on photographs No. 12618 and No. 12665. The levels are recorded in level volume No. 9.

All U. S. Coast and Geodetic Survey second order bench marks were recovered; recovery cards were submitted for each station.

There are a few U. S. Geological Survey temporary bench marks in this area which were searched for, but none were recovered.

6. Contours and Drainage:

The contouring was done by a four man planetable party and was done directly on the photographs at 20 foot intervals. Most of the area in this quadrangle is heavily-wooded and rugged. Many traverses were run along roads or woods roads (these roads usually followed the ridges). Where planetable traverses were run across country, hand level traverses were used to supplement the planetable control. They were also used to ascertain the elevation of the streams, drains, etc., which in most cases were so far from the planetable that several set-ups would have had to have been made and much brush cut.

To facilitate the work on these handlevel-pace traverses, a piece of acetate was used, on which features such as, drainage, cleared areas, trails, and changes of vegetation were traced from the photographs. This work was usually done by the recorder and a rodman. All the traverses closed with a maximum error of 0.8 of a foot; the majority closed with an error less than 0.6 of a foot.

The drainage lines located on the photographs by the Washington Office were checked in the field; in most cases these drainage lines were correct. Any errors in the drainage lines were corrected in the field by field inspection. The streams were classified according to the instructions.

7. Mean High Water:

The mean high water line was inspected and shown by conventional symbols on the nine lens photographs Nos. 12618, 12595, 12596, and 12597 along the shores of the Potomac River, the Little Wicomico River, and their tributaries.

8. Mean Low Water:

The mean low water line was not shown in this area, due to the fact that there is no appreciable difference between the high and low water lines.

9. Wharves and Shoreline Structures:

Wharves, small docks, boat houses, and other shoreline features have been shown on the photographs.

10. Details off Shore From High Water Line:

Pilings, remains of old piers, spoil banks, oyster houses, hunting blinds, and other off shore features were shown on the photographs.

11. Land Marks and Aids to Navigation:

There were no land marks submitted for this area. The only lights found in the area were Little Wicomico River 5, 1, and 3; the later two, at the east and west ends of the south jetty, are probably outside the limits of this quadrangle. Lights 1 and 3 were pricked direct, and sextant angles for number 5 were recorded in a sketch book, which has been submitted.

12. Hydrographic Control:

Recoverable topographic stations have been established in accordance with the instructions dated July 15, 1943. (Refer to No. 28 - RCC - 1990)

13. Landing Fields:

There are no landing fields in this area.

15. Bridges:

The bridges will be classified in accordance with the instructions at a later date and prior to the field edit of this sheet

14. Road Classification:

All roads were classified in accordance with the instructions. The secondary roads (dirt roads) are shown on the photographs with county route numbers. These route numbers should use the state symbol, as the state of Virginia maintains and marks all roads of this type.

16. Buildings and Structures:

All buildings to be shown have been circled in red; those not to be shown have been deleted. All buildings, other than dwellings, have been classified in accordance with the instructions; those not so classified are dwellings.

17. Boundary Monuments and Lines:

This is the subject of a special report which has been submitted by H. B. Wright, Photo Aid.

18. Geographic Names:

This will be the subject of a special report. *LA*

19. Photographs on Which Work was Accomplished:

Field inspection, contouring, recovery, and fly levels were accomplished on photographs nos. 12596, 12597, 12618, 12619, 12664, and 12665.

20. Junctions:

Junctions with quadrangles T - 8354 and T - 8356 (to the south and west respectively) were checked and compared in the field. It is bounded on the north and east by the Potomac River and Chesapeake Bay respectively.

48. Accuracy Tests:

For the vertical accuracy test for this quadrangle refer to the descriptive reports for quadrangles T - 8356 and T - 8357.

Submitted by:

Joseph K. Wilson,
Engr. Aid.

Approved by:

Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

COMPILATION REPORT
To Accompany
SHEET NO. T-8355

26. CONTROL

Five triangulation stations appear on this sheet. These were well distributed and all were held to rigidly.

27. RADIAL PLOT

Due to control distribution in this area, sheets No. T-8352, T-8353, T-8354, T-8355, T-8356, T-8357 and T-8358 were laid in a single unit. These sheets appear both in project 289-C and 289-D.

Control

(a)	Density	Control stations within limits of sheet
	Sheet No. T-8352	1 (2 north of sheet)
	Sheet No. T-8353	7
	Sheet No. T-8354	19 (1 north of sheet)
	Sheet No. T-8355	5 (1 east of sheet)
	Sheet No. T-8356	23
	Sheet No. T-8357	12
	Sheet No. T-8358	2

(b) Identification of control

Intersections were obtained, with reference to the following triangulation stations, at given distances from the plotted positions.

Sheet T-8353, PTS - 11, 1916, 30 meters SE, PTS - 13, 1916, 10 meters S. Sheet T-8356, PTS - 12, 1916, 10 meters N; U. S. E. "K", 1931 (F. I. P.) 30 meters SW.

Photographs

The following photographs were used: 12594 to 12597, 12617 to 12621, 12660 to 12668, 12670 to 12676, 12871 to 12876, 12878 to 12882 and 12924 to 12926 inclusive.

The photographs used in this plot were unmounted acetate impregnated, therefore it was necessary to use the master metal template for the elimination of the effect of paper distortion.

Closures and Adjustments

The regular procedure was followed in laying the templates, with the strongest fix first, then progressively laying through ones with weaker fixes.

Azimuths to adjacent centers held on all templates and excellent radial intersections were obtained.

After the plot was completed, each photograph was placed under the survey sheet and secondary control checked.

28. DETAILING

No unusual topographic features appear on this sheet; the photographs were clear and overlapped adequately; also, the field inspection was generally very satisfactory. One minor shoreline adjustment was made near station MILLER. This was indicated "to be checked" on the discrepancy overlay.

Minor discrepancies in contour lines and intermittent streams occurred at the junctions of adjacent field photographs.. These were adjusted by the detailer with the aid of the stereoscope.

Vegetation outlines are shown in green and the vegetation is labeled with the revised classification. To attain greater definition, the limits of the small marsh areas have been indicated by dotted black lines. An explanatory note covering the use of this symbol appears on the map drawing.

On several old maps, there appears a pond and dam near Gonyon Post Office. No such pond is outlined on the field inspection photographs. The area appears like a marsh on office photograph 12618. This point was questioned on the discrepancy overlay.

Geographic names were taken from the field report covering this item, and shown on an overlay. This overlay also shows political boundaries as indicated on the field inspection photographs.

A separate discrepancy overlay is also submitted with the map drawing.

29. SUPPLEMENTAL CONTROL

No graphic control surveys by this Bureau, or maps and plans by other organizations, were used to supplement the photographs and field inspection notes.

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

In comparing this sheet with the Geological Survey Quadrangle Map (edition of 1917) only one major difference was noted; that being, the dredged and revetted channel entrance to the Little Wicomico River. All other changes are not of sufficient importance to be recorded in detail.

45. COMPARISON WITH NAUTICAL CHARTS

This sheet and the Nautical Chart 1224, published March, 1941 on a scale of 1:80,000, compare favorably; no important changes can be discerned. Due to the difference in scale, minor discrepancies are not distinguishable.

Respectfully submitted,

Cornelius A. J. Pauw

Cornelius A. J. Pauw,
Prin. Photo. Aid.

Forwarded by *4/28/44*

Ray L. Schoppe
Ray L. Schoppe,
Chief of Party.

FIELD EDIT REPORT
QUADRANGLE T - 8355
PROJECT CS 289 D

1. Description of Area:

See Field Inspection Report.

2. Completeness of Field Inspection:

See Field Inspection Report.

3. Interpretation of the Photographs:

See Field Inspection Report.

4. Horizontal Control:

See Field Inspection Report.

5. Vertical Control:

See Field Inspection Report. All level elevations should be checked in the Washington Office. All bench marks have been checked by field edit party.

6. Contours and Drainage:

See Field Inspection Report and correction noted on discrepancy overlay.

7. Mean High Water Line:

The mean high water line was not checked; however, the field edit party was on the alert for obvious discrepancies by an investigation at various points. None were found.

8. Mean Low Water Line:

See Field Inspection Report.

9. Wharves and Shoreline Structures:

These were investigated in the field. No changes were noted.

10. Details Off Shore From Mean High Water Line:

None were found.

11. Aids to Navigation:

The three lights on this Quadrangle were checked by use of plane table and found to be in correct position. A minimum of three cuts were taken to each light.

12. Hydrographic Control:

Not applicable to this report.

13. Landing Fields and Aeronautical Aids:

There were no Landing Fields or aeronautical aids within the limits of this quadrangle.

14. Road Classification:

All roads have been classified and shown in accordance with instructions from the Army War College, dated January 12, 1942.

15. Bridge Classification:

See Field Inspection Report.

16. Buildings:

In general there were few buildings to be classified, added, or deleted.

17. Boundary Monuments and Lines:

See Field Inspection Report. An error in spelling was found on the name overlay; Lilvan precinct should be Lillian precinct. The correct spelling of this name was ascertained at the Heathsville Courthouse. The political boundaries were traced from the name overlay onto the smooth sheet and verified in the field.

18. Geographic Names:

This has been the subject of a separate report. The names were traced from the name overlay onto the smooth sheet, and the names of public buildings were verified in the field.

19. Junctions:

The Potomac River is on the North and the Chesapeake Bay is on the East. Sheets South and West have not been received or field edited.

46. Methods:

This quadrangle was field edited on an ozalid and later transferred to a duplicate ozalid in the office. Discrepancies not covered by a suitable symbol were

noted on the compilation by a sentence, and an arrow to the point in question.

All symbols used are standard Topographic symbols except that a green X was used for deletions and a tick mark was used to show limits of deletion and points of change in road classification.

The following color scheme was used:

Deletions	Green
Additions, Classifications	
Names, notes and Elevations	Black
Water Culture	Blue
Political Boundaries	Purple

47. Adequacy of Compilation:

The compilation of this sheet was complete and adequate with few additions, classifications or deletions necessary.

48. Accuracy Tests:

Horizontal: This is the subject of a special report by Charles Hanavich,
Asst. Photo. Engr. *appended to completion report. (library)*

Vertical: See Field Inspection Report, Item 48.

Submitted by:

Earl R. Loudon per F.L.G.

Earl R. Loudon
Photogrammetric Aid.

Approved By:

F. L. Gallen

F. L. Gallen
Chief of Party

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TO BE CHARTED } **STRIKE OUT ONE**

AIDS TO NAVIGATION

Tampa, Florida

April 26, 1944

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(detailed)~~ ^{revised} the charts indicated.

The positions given have been checked after listing.

Ray L. Schoppe

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

T-8355

TO BE CHARTED }
TO BE DELETED } STRIKE OUT ONE

LANDMARKS FOR CHARTS

NON-FLOATING AIDS TO NAVIGATION

Tappahannock, Virginia _____ May _____ 1944

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing. - C. H.

F. L. Gallen

Chief of Party.

[illegible]

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

Horizontal Accuracy Test
Quadrangle T-4355
Project CS-239D

This test consists of a traverse between triangulation station Sissions (1942) and Wicomico (1942). The traverse is 13.2 statute miles in length and contains 25 test points; 5 of which are within the limits of this quadrangle. The traverse closure is one part in 27,204, and a discrepancy of 0.90 meter was adjusted through the traverse. In the tabulation the geodetic position from the traverse computations is referred to as P. P. No., and the scaled position from the map manuscript is referred to as M. M. No.

Tabulation of Test Points

<u>Description of point</u>	<u>Test point No.</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Displacement Difference in mm.</u>
Inter. of road and road, 10 degrees	P.P.No. 16A	37-53-608.9	76-22-235.1	.34
	M.M.No. 16A	37-53-615.6	76-22-235.4	
Inter. of road and road, 90 degrees	P.P.No. 17 A	37-53-177.3	76-21-93.1	.24
	M.M.No. 17 A	37-53-173.3	76-21-95.9	
Inter. of road and road, 90 degrees	P.P.No. 18A	37-53-5.8	76-20-1276.8	.28
	M.M.No. 18A	37-53-10.0	76-20-1280.6	
Inter. of road and road, 50 degrees	P.P.No. 19A	37-52-1233.2	76-21-74.8	.23
	M.M.No. 19A	37-52-1228.6	76-21-73.9	
Inter. of road and road, 85 degrees	P.P.No. 25A	37-52-1603.2	76-20-207.7	.36
	M.M.No. 25A	37-52-1607.3	76-20-213.5	

All the test points check within the requirements of 0.5 mm. The accuracy of this map is good.

Submitted by:

Charles Hanavich
Asst. Photo. Engr.

Approved:

F. L. Gallen
Chief of Party

Remarks

Decisions

1		USGB
2		"
3		"
4		
5		USGB
6		"
7		
8		
9		Road Maps
10		"
11		Map manuscript
12		
13		378762
14		"
15		"
16		"
17		"
18		"
19		"
20		"
21		"
22		"
23		"
24		"
25		"
26		"
27		379762

GEOGRAPHIC NAMES

Survey No. T-8355

SUNNYBANK quadrangle

1	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	Maryland ✓	✓								1
	St. Marys County ✓	✓								2
	Virginia ✓	✓								3
	Northumberland County ✓	✓								4
	Potomac River ✓	✓								5
	Chesapeake Bay ✓	✓								6
	Lillian Precinct ✓	✓								7
	Burgess Store Precinct ✓	✓								8
	U.S. 360 ✓									9
	State 200 ✓									10
	State Nos. 604, 640, 644, 645, 646, 647, 649, 650, 651, 652 ✓									11
										12
	Little Mico River ✓	✓								13
	Smith Point ✓	✓								14
	Rock Hole ✓	✓								15
	Taba Creek ✓	✓								16
	Bridge Neck ✓	✓								17
	Sunnybank ✓	✓								18
	Sharps Creek ✓	✓								19
	Bridge Creek ✓	✓								20
	Back Creek ✓	✓								21
	Cod Creek ✓	✓								22
	Flood Point ✓	✓								23
	King Point ✓	✓								24
	Ellyson Creek ✓	✓								25
	Kayan ✓	✓								26
	Ginny Beach ✓	✓								27

T-8355

Remarks.

2
Decisions

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21		378763
22		11
23		11
24		11
25		11
26		11
27		11

GEOGRAPHIC NAMES

Survey No. T-8355

2	Name on Survey	A On Chart No.	B On previous survey No.	C On U. S. quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
	Hack Neck ✓	✓								1
	Virmare Beach ✓	✓								2
	Ophelia ✓	✓								3
	Afton Church ✓	✓								4
	Flag Pond ✓	✓								5
	Hack Creek ✓	✓								6
	Black Pond ✓	✓								7
	Condit Pond ✓	✓								8
	Public Landing ✓ (Potomac River)	✓								9
	Mob Neck ✓	✓								10
	Mob Neck Road ✓	✓								11
	Cubitt Creek ✓	✓								12
	Hull Neck ✓	✓								13
	Hull Neck Road ✓	✓								14
	Jetts Store ✓	✓								15
	Hack Neck Road ✓	✓								16
	Public Landing ✓ (Little Wicomico R.)	✓								17
	Edwardsville ✓	✓								18
	Gonyon ✓	✓								19
	Grays School ✓	✓								20
	Spring Cove ✓	✓								21
	Walkers Store //	✓								22
	Folly ✓	✓								23
	Hygeia School ✓	✓								24
	Fairfields Church ✓ (two separate churches)	✓								25
	Fairfields Church ✓	✓								26
	Burgess Store ✓	✓								27

Remarks.

Decisions

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GEOGRAPHIC NAMES

Survey No. T-8355

3	Name on Survey	A	B	C	D	E	F	G	H	K	
	Blundon Corner										1
	White Creek Betts Mill Creek										2
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Names underlined in red approved

by L. Heck on 5/30/44

N.B.: several former schools reported by the field party to be "abandoned" have not been listed. Is it desired to apply such names?

M 234

Names underlined in red approved
by L. Heck on 5/30/44

N.B.: several former schools reported by
the field party to be "abandoned" have not
been listed. Is it desired to apply such
names?

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8355

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

RECORDS

Between January, 1942 and July, 1944, this Bureau completed 323 quadrangles. These maps have been published, or are in the process of being published on scales of 1:31,680 or 1:25,000. This series of quadrangles includes a land area of approximately 15,000 square miles. Incident to this work, a considerable volume of survey records and data has accumulated which will be filed for future reference. This material is filed as follows:

Registered and Filed in the Vault

Cloth-mounted copy of the published quadrangle.
published quadrangle at 1:20,000 scale
Black and white cloth-mounted copy of the map manuscript. This copy is filed to preserve original survey detail shown on the manuscript at 1:20,000 scale which may not have been shown on the published sheet. For ~~political boundaries~~, woodland, ~~marsh~~, and ~~swamp limits~~, refer to the published quadrangle for the finally adopted positions.

Descriptive Report.

Division.

Filed in the Photogrammetric Section ~~Surveys Branch~~

Field inspection photographs.

Contoured photographs (on which planetable contouring work was performed.)

Field edit sheet.

Descriptions of recoverable topographic stations (Form 524), filed in ~~Reviewing Unit~~ Section.

Supplementary traverse and level records.

Field notes, computations, lists of positions, and tabulations of results of horizontal and vertical accuracy tests.

Reproduction proof.

Correction sheet (copy of quadrangle showing in red changes to be made when next printed.)

Check lists of work performed on each sheet in the Washington Office during review, drafting, edit, and reproduction.

Original celluloid manuscript.

Copies of specifications and all instructions
to field parties and field offices.

Filed in Reproduction Branch

Glass negatives of the color separation drawings.

Filed in the Library

~~Special report on field work by Commander K. T.
Adams, 1944.~~

Special report on office work by B. G. Jones, 1944.

Season's report on field work by Commander F. L.
Gallen, 1944.

Season's report on field work by Commander R. L.
Schoppe, 1944.

Delivered to the Army Map Service in accordance
with the contract

Film negatives and film positives of the color
separation drawings.

All color separation drawings.

~~Original celluloid manuscript.~~

A correction sheet consisting of a copy of the
first edition of the quadrangle with notes in red
indicating changes desirable at the next printing.

DIVISION OF CHARTS

SURVEYS BRANCH

REVIEW OF AIR PHOTOGRAPHIC SURVEY T-8355

SUNNYBANK QUADRANGLE

This quadrangle manuscript has been examined for completeness, accuracy, and conformity with the specifications. It is adequate for smooth drafting, reproduction and publication. Revisions found to be necessary in this office are discussed on the next page.

Horizontal and Vertical Accuracy

A horizontal accuracy test was run in this quadrangle and found to be satisfactory. The test is enclosed in this Descriptive Report.

The nearest vertical accuracy test was run in quadrangles T-8356 and T-8357.

Previous Surveys

This manuscript has been compared with the following previous topographic surveys of this Bureau and other agencies. This map is satisfactory to supersede the previous surveys over the common area.

T-500	1:20,000	1850
T-2956	1:20,000	1908

Comparison with Nautical Charts Nos. 1224 , 557

The manuscript has not been applied to the charts at the date of this review. The following comments are pertinent to the compilation and correction of nautical charts:

The details of T-8355 are complete and adequate for chart correction.

T-8355 was partially applied to chart 557 at the time of review.

The following revisions of the map manuscript were found to be necessary and were accomplished as a part of this review:

Only changes of a minor nature were necessary during the review of this map manuscript.

Reviewed May 20/44 By John H. Stewart
under direction of D. H. Benson (per D.H.)

Inspected by B. G. Jones B.G. Jones 8/46

Examined and approved:

K.T. Adams
Chief, ~~Surveys Branch~~
Division of Photogrammetry

~~Chief, Topography Section~~

Robert W. King
Chief, Div. of Charts
Nautical Chart Branch
Raymond B. Egan
Chief, Div. of Coastal
Surveys